

Table D.95. Additional comments from interviewers

Respondent was very interested and asked intelligent questions.
Very good interview, she's a student, knew a little about this situation
Respondent had a lot of input and information regarding alum treatments.
R called the #800 to see where the interview could be done, he wanted to do it at his office, the man who answered the phone said he had to do the interview at his residence because he had to point to things. R was reluctant to do this.
Mom just had a baby and made time for the interview.
R was very attentive and interested in this subject
R was very interested in this, she said has been talking about this for years and don't know what they are going to do about it, she said the river used to be beautiful but the last time she was there it was dirty.
Respondent gave personal views on changes in the river and lake she saw it gradually changing.
Comment deleted
[Comment deleted]
Respondent was attentive and was interested in the material.
Respondent's fiance fed and put their baby to sleep during the interview. She did not interfere with the process and he was attentive.
She was very involved and interested.
Respondent seemed a little impatient because he was just off work for lunch and seemed a little rushed to get back to work. He was a willing and engaged participant. He speaks English very well and seemed to understand the material. His wife was in the room most of the interview.
Please call after 1:00 pm
Respondent's 3-year old daughter caused some problems at first, but then she settled down. Respondent was somewhat distracted at first.
The question of the court respond did not come up during this interview
A little impatient at the very end when a friend came in.
Respondent was somewhat distracted by her 3-year-old daughter, but she finally left the room to play.
Respondent was very interested in the topic, but stated that the interview was not exactly what he expected.
An elderly lady. Too afraid to give out any personal information
A very nice elderly man
R kept watching TV wanted interviewer to speed up
He said that he enjoyed the interesting study.
Wife really wanted to do interview her view is different than husband; trust issues about the people getting the money
Respondent believes you should try getting grass carp should be used and no one should be allowed to catch and kill these types of algae eaters check out Germany and what they do
Comment deleted
[Comment deleted]
Comment deleted
[Comment deleted]
College apt with several young people visiting
Comment deleted
[Comment deleted]
[Comment deleted]
Comment deleted

Table D.95. Additional comments from interviewers

Mother of several small children

Very nice elderly man

R was drunk

Mother of 2 small children

[Comment deleted]

R said if the amount to pay was half of the \$125. She may consider it

R never heard about this before, she was very interested in it, but doesn't think the people should pay for this, the industry should have to pay.

The respondent said that she wouldn't mind paying for the alum treatment but the money right now could be used for something else.

Respondent said that woman is her partner.

The client was extremely familiar with all the information I read to him.

Address deleted

Comment deleted

R stated that litter could be burned to produce electric power.

Check was made out to his wife, whom he says is his bookkeeper. Also, there is at least one minor child in the household, who was not listed in the roster.

One year old baby very disturbing during interview

Surprised me with how well informed he was about the subject matter

Respondent is handicapped and was very appreciative of being selected

Incentive has changed to fifty dollars.

[Comment deleted]

I had made several visits to this hh. The r was the only person I had ever seen there. After the interview had started I realized there was another woman in the house. Midway through the interview a man came in. I suspect there may be other residents in this hh, but the r who was also screener r had named no others but her children. She stated she had no income. It is possible that hh income is not derived through normal income sources other than possibly public assistance.

I did not know what to do other than complete the interview with the respondent, which proved to be an interesting experience.

Two small grandchildren were there causing quite a commotion, but she's used to that.

Knowledgeable and thoughtful respondent.

Respondent was very interested in the issue and had a personal interest in the topic.

Respondent was glad to participate.

Respondent was extremely well educated about the problem having participated in ffa in school. She was familiar with all the elements of the discussion.

Respondent grew up around the Tenkiller lake and the visited the Illinois river with brother and grandfather.

Others came in and out and there was a small child around that was a little distracting, but not too bothersome.

Respondent says he was well informed about the lakes and river with this study.

Respondent was attentive and intelligent, but small children were a little distracting.

R is female, not male.

He just got back from Iraq.

She wanted to read it herself because she's "a visual person" and a "fast reader". I told her that we were not allowed to do that. She seemed to relax near the end when she was asked questions. She was impatient during all the reading. She turned out

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Address is [address deleted]
I forgot to verify the city and zip
She wanted to vote for the treatment but did not want to pay the \$405 at one time. It should be divided into payments.
Respondent talked a lot so interview took too much
[Comment deleted]
[Comment deleted]
He said last time he was at the river and lake they noticed there used to be a lot of fish and now there is hardly any. Would have voted yes if it didn't cost so much.
Went very well r very interested
Interview went very well
A young child was crying during most of the interview
R was extremely interested in cleaning up the river and lake
Interview went very well
R owns land on Tenkiller is an avid fisherman and is very much interested in cleaning up the lake
R was interested in this, had heard a little about it but did not know the full story
Very informed elderly man, very nice, did get off track on occasion during interview telling me about his wife in nursing home
R was very interested in this
R was very much interested in this subject but is very concerned about the cost to her household, she can't afford it, still voted yes because she says something needs to be done.
Very good interview, r was very interested in this
R was very responsive and interested in this
This woman never gets any company, and it was clear from the start that the conditions under which she would participate is if she were allowed to talk as much as I did. Because of this the interview dragged on and on to extremes.
A very difficult respondent who took great effort to interview.
Mailing address is. [address deleted]
Very knowledgeable. Has cancer and can't have alum.
The address out here recently changed to new 911 addresses.
She wanted to know if Arkansas is going to do the alum treatments also. And how far down the phosphorus is in the ground.
She hopes the alum doesn't cause any additional problems.
Get rid of the dam and the water will flow freely and return to previous conditions.
He used to work at the water treatment plant in Collinsville and was extremely knowledgeable about this subject.
Would not have had trouble voting to do the alum treatments to know why they didn't do this sooner, since they have known about it for years.
R was very interested in this, they have just moved to Oklahoma 4 months ago from Texas
She said I was very informative. They are having to move in 20 days because this duplex is being foreclosed on. That is the reason for the different mailing address.
Already knew about this. Husband was a science teacher for thirty-one years.
The respondent was a talker, who could not be denied the privilege of speaking after each question. It was obvious that he would not be silenced: so instead he was allowed to talk. An attempt was made to bring him

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back to the material at every pause. Still, it made for a very long interview. It was obvious he would have it no other way. Attempts to get him to simply listen and answer proved very early to be futile, though tactful efforts were made and positive reinforcement was given when he did

All things considered, it went well.

This respondent was very talkative, adding to the length of the interview. I waited until I returned to the motel to do the comments about the interview segment.

R had her noisy 2 year old grandchild on her lap for 2/3 of the interview, but I think she was able to maintain her concentration very well.

The respondent seemed to be fairly shy; so, her comments were very brief.

The interview was kept open for my comments, which I intended to enter immediately but instead entered upon my arrival at the next PSU after lunch.

There is obviously a male in the household but it was stated that he did not live there.

Though the respondent seemed attentive, she seemed to have missed some of what I told her, as it did not seem to be assimilated in spite of our best efforts.

R is a farmer.

This interview was conducted at the original du, home of r's boyfriend's parents. Two young children, one other adult - the boyfriend's sister - and r's boyfriend, and the boyfriend's father.

TV was on with angry black rap during the whole interview.

I arrived at 5:20p and we finished about 7:30p. R is 90 years old.

R's household was preparing dinner when I arrived but r wished to continue with the interview at this time. There were a few interruptions.

R is a farmer

R is a class c water treatment specialist.

It was long. Husband had a stroke 1-1/2 years ago = many interruptions.

R's brother was leaving as I arrived = delay in starting.

It was conducted up the hill at r's grandmother's house.

R's sister interjected comments at various times. The kids were in and out with various questions and problems.

R had let her 2 dogs out and went out to get them, came back in, went out again and did get them. A number of phone calls, also. R's questions and comments are extremely relevant and the questions raised are not part of this interview.

R's wife has had serious health problems this year and has been in and out of the hospital a lot during the last month. Wife was talking about this; husband sat quietly during these interjections. I would steer the conversation back to the interview. Wife talked a lot!!

I sat on a tackle box on the front porch for the entire interview. R's 3 year old son was in and out.

Paid cash before. They worry that the new address is new and they don't always get their mail

Paid in full

[Comment deleted]

[Comment deleted]

[Comment deleted]

[Comment deleted]

Husband and wife did the interview together. [[comment deleted]]

Lives in perkins

Interview was done in my car, as she had bad dogs in tlr

Table D.95. Additional comments from interviewers

Very nice gentleman.
This was a long interview, but I enjoyed listening to the respondent, he is 84 years old. And full of knowledge.
[Comment deleted]
[Comment deleted]
We did the interview in her office at the library. [comment deleted]
The husband of the respondent was busy telling the wife about his views on alum. The couple is very set in their religious views and part of that is apparently that the man's views are more important, as his role is to be head of the household. It was obvious from the start that the respondent could not be persuaded to give only her own views--though that was encouraged. She depends upon his views to make all her decisions it seems.
None other than that the only focus of the respondent seemed to be not paying any more tax.
This presentation created more concerns for the respondent than it answered
The r was very educated in the subject he said he would love the alum treatments but does not believe he should pay for them
Att please send check to [name and address deleted]
Yes, the r stated she really enjoyed meeting with me and the information is very informative.
R was very knowledgeable , very interested in this
R was interested in this had not heard about it previously and the causes.
R first refused to do interview, once she started she answered every q. She already knew all about this issue, has relatives involved in this.
Lovely lady, very informed on this issue
Interview was slow at start because there were several people there, once we got started it went very well, r was very interested
R was very interested in cleaning up the river and lake.
Interview went very well, r very informed on issue
R was a farmer, knew about this, very interested in the environment and protecting the rivers and the land. Very interesting character!
The r's 7 year old granddaughter was present the entire time, full of energy and constant movement and questions and the television on cartoon channel. R was very attentive.
Read sentence
Difficulty hearing
R had difficulty turning the show card pages. We were across the room from each other.
A neighbor's dog had to be removed before I could come in.
I waited for r to return to du after completing screener
R was also watching a football game but also really concentrating on the interview.
R was a bit ramblly at the beginning of the interview. As he relaxed, it was easier to redirect him. He had a stroke three weeks ago.
It went extremely well.
Respondent was very interested in improving lakes and river and clearing up the water
His grandson is in boys scouts and he wants the river to be cleared up
Respondent took her time before making her vote she was concerned with making the water cleared sooner
Respondent had small kids she had to stop for some but she was very interested in the study
Respondent wants something done about the algae in the water now that she knows about it
Respondent is elderly and not sure if she heard everything I said she seemed a little dazed at times I explained some questions but she would say something else

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Respondent was concerned about the money but would like the state to do something about the river and lake
Respondent had to nurse her baby while interviewing because he was crying. She was very patient
Respondent was very interested in cleaning the river and lake
Elderly lady on disability.
Respondent hasn't heard anything about the river or lake
Respondent was very interested in this study and wanted something done about the river and lakes.
Respondent had difficulty understanding but was interested in the pollution in the water
R was very interested in improving the lakes and rivers but would rather use tax money for other programs
Respondent had an opinion about every thing and kept talking. I'm not [sure] if he understood or if he is just against the alum treatments he thinks it will put the chicken farmers out of business
Very interested in what was going to happen with the river and lake but couldn't afford to pay for it
It was interesting. It took over half an hour of talking to even start the screener! And there's a missed du on this property...
Both husband and wife were here for the interview and sometimes consulted.
The r had a lot of strong opinions.
She was an excellent interviewee. An excellent source of information
I think the respondent got mixed up with the questions regarding how serious the algae is at the lake versus the river. Otherwise, she gave a good interview.
The respondent took the survey while working at the dorm desk.
None, the respondent was interested in the subject
Read sentence
The TV was on, the husband was mistrustful throughout the interview and a neighbor was here - beside 3 young kids.
Wheel of fortune and csi were on during the interview. The dog was discussed periodically.
R was taking care of her baby during the interview.
Yes. Interview was conducted in my car. R had a beer during this interview. He excused himself and got out of the car. His brother was in and out and generally distracting. His neighbor wanted to know what we were talking about. R did pay attention and stressed that he is concerned about nature.
R's great-granddaughter is visiting and r paid attention to her at various times during the interview.
Diaper change, 18 month old needed to be entertained during the whole interview.
R stated she had Parkinson's but did not shake. The address is definitely that shown on the listing: the state dept. Of trans [address deleted]
The address in this area change 3 times.
Some older family members came in during the final third of the interview complaining that they don't participate in surveys and that in their opinion the respondent shouldn't either: fortunately the respondent was not dissuaded.
Husband was in room whole time but they agreed on everything other than that she wasn't sure that the phosphorus was the cause of algae overgrowth while he was. Neither is in favor of higher taxes.
The lady was not very intelligent.
He was very against the treatments cause of the agriculture
Ru was very concerned about cleaning up the rivers and lake
Ru was very interested in cleaning up the pollution in the river
Very talkative old lady. Simple but sweet.
Husband was in some of the time and he had lots of questions and concern about the litter they have chicken

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houses near them
Very talkative.
Ru had been to the river and the lake and was excited about the treatment
Ru couldn't read and not sure if he was capable of understanding about the treatments
She was very interested in cleaning up the water in rivers cause she likes to fish
Ru wants the water cleaned up but can't afford the money they are on fixed income
Ru really wants this alum treatments to be done but wouldn't be able to pay the amount we told her
Elderly lady and did want the water clean but had concerns that the alum could make you sick I just read the script to her again that it has been used for years to clean the water
Ru was wanting to do more reading about this before he knew for sure what to do about the chicken farmers getting rid of the litter and if it would put them out of business
Ru was interested in cleaning the river because her son likes to go fishing
For an anonymous interview, there was an awful lot of personal questions asked. Is what they complained about.
Guy was drinking and had friends over
A 3 year old causing havoc in the room during interview
The r came outside when I knocked; I went through the introduction he agreed to be interviewed. R stated that he was the only person who lived here and that we would do the interview outside (it was about 45 degrees out!).
R's 22 month old daughter was also present and there were some interruptions
R recently returned to Oklahoma after 44 years in California. She was unhappy about the changes but was thankful that she was informed about what had happened and that it could be remedied and the cause stopped.
R's eyes kept going to the TV screen, although she had the TV muted.
Please wants to remain anonymous. Please don't give out her address
Ru wants the river cleaned because he goes there to dive
Ru had never seen this algae in the river so she didn't know a lot about this
The respondent did very well.
He is a school teacher and had good inside.
The respondent was from the Chicago and Arkansas area
She had a dog that she had to put away and she was a bit nervous wanting to let it out.
Very good interview
These folks think that it should be in the water, but not the land. Putting [it] on the land renders the useless to the farmers for a year at the minimum
Extremely fine young woman
Respondent provided a great deal of relevant information.
Very interested in this information
He does not want anybody else to bother him anymore. He was adamant.
Ru was interested in study but thinks the river will be ok after the ban
Ru wants the pollution stopped but doesn't seem to think people can afford this
Mother was there, she was sick.
His wife was there. The one child was from a previous relationship. The kids were making a lot of noise.
Very bright young man
The respondent had many incisive observations. She has a science background. Said that soda cans can be used to reduce them to alum and these can be reduced to spread it. She also said that mussels break down the

Table D.95. Additional comments from interviewers

algae in the water.

She seemed like she really wanted to vote in favor but said her income is very small. Wanted the government to pay for it or the ones that messed up the water.

He suggested that the alum be started and concentrated at the source and worked to the less affected areas. He said that the tax proposal should be spread out long-term to allow for results oriented continuance of alum. He would be more prone to participate

Although the respondent was distracted especially by his child, he seemed to be interested in the subject and his answers told me he understood.

I got the impression [that the] respondent was not clear on the "what were you thinking when you voted" questions.

The respondent is elderly but showed interest in the issue

Ru was getting tired but said her son fished and would like to know this so she listened

The respondent had small children and her husband present, but was very interested in the survey

Ru was interested in this study because he wants to help the environment

There is a question about whether this is north brock or south brock

The respondent did seem to be distracted somewhat, but she was attentive and concerned about the subject matter

He was very responsive although seemed to get bored towards the end

Ru wants the river clean but can't afford the amount she was told

The respondent was bored about the subject matter and distracted by the children

Read sentence

Read sentence

Read sentence

Read sentence

Respondent seemed passionate about his answers. He said that he wouldn't mind paying the money but the problem should have been fixed 12 years ago.

Respondent was very happy to do this study.

Respondent was interrupted by her three year old a lot but she was able to get through the questions and she did understand.

Respondent thought about what I told him very carefully and considerably.

R stated that her address was [address deleted], that she was told not to add the 301 on her address for receiving mail .the address we have on file is [address deleted]

Valerie took notes and she was very interested in the study. She's a school teacher.

Respondent was not from Oklahoma and has only been here for a short period of time.

Respondent says she didn't know the study was going to be about Oklahoma taxes.

Since respondent had worked at the zoo she was quite informed about the study.

He was very patient and listened. Attentive.

Kathleen was quite informed about the situation.

Respondent was extremely cooperative and interested. Good respondent.

Respondent had to leave to pick-up grandson but was only gone for about 10 minutes

Respondent was attentive and interested.

Respondent was extremely interested and had called in to ask for an interviewer to return.

Wife was in the room. She did not contribute to the decisions.

Great respondent. Very interested.

Table D.95. Additional comments from interviewers

Great, interested respondent.
Good, undisturbed interview.
Thoughtful respondent. Glad to get it done.
Great respondent!
Excellent response.
Respondent ate while we began interview and waited for twins to wake up toward the end, but they made it to the finish.
Adult cousins from out of town were in and out of the room, but did not interfere.
Good interview. Intelligent lady.
Young lady was interested in subject matter, but had no knowledge of issue.
The young lady was interested in the topic and responded appropriately.
Read sentence to r.
Young man was very interested in subject.
Once the children were in bed, the extended interview proceeded.
Good respondent. Curious about project.
Young man was very focused and serious.
R was concerned for the rivers and lakes because she goes fishing there, also r felt that cleaning the rivers and lakes would increase tourism.
R stated that in Missouri they use calcium to clear up algae in the water.
Respondent seemed to know a lot about the subject. He was very interested. He was very informed and aware of the situation
Respondent was distracted by a phone call she got. R was also distracted by boyfriend; talking to her throughout the interview. Respondent's mother-in-law was also in the room at time of the interview
R stated that he would have liked to vote for the alum treatment but he felt that sufficient funds would not be available so that's the only reason he voted against it, however he does agree alum should be put in the water.
Said large man had come to her door twice she said he was a white male.
People coming in and out of room respondent took a phone call during interview
R was distracted by 5 cats needing attention she was paying attention to the interview but was not concentrating on the actual question so she seemed to just choose one of the multiple answers
The respondent says he once lived near Tenkiller lake and visited there a lot.
Respondent was very interested in project and provided good insight and input.

D.2.5 Listing of verbatim responses for the scope questionnaire

Verbatim responses explaining what respondents had heard about the changes in the river and lake

Respondents were asked question Q17a, "What had you heard?" if they answered yes to question Q17, "Had you heard about the changes in the river or lake I just described?" A listing of all responses to this question are provided in Table D.96 below.

Table D.96. What respondents had heard about the changes in the river and lake.

Mercury in eastern Oklahoma lake sardis my favorite lake you are recommended not to eat anything out of there
They were worried about pollution that was flowing down the river from chicken farms but not about the lake
Caused by humans remember the lake when it was clear know people that fish and fish have changed
Read about it, pollution from chicken farms
That the lakes are becoming polluted
We have algae problem with our farm ponds.
Bass masters. I used to be an avid fisherman; I was into it real heavy. Well, I haven't been during the past few years, but I've read about it in magazines that I've got so I know about algae and I've read a little about it but I don't know
Its what I've observed from the time I lived there in 1986. Even the mushrooms were warped the plant life looked pitiful.
I heard about this and seen it
From going down there. It used to be one of the beautiful lakes.
About the chicken farmers effecting the lake and rivers.
It had gotten dirtier and the ability to still fish.
It's getting real dirty and nasty.
That it was getting polluted
The algae and pollution that was there because you are a fishing person
Grandkid went there; he said it was bad he pick it up and carry it because pollution and there was not enough water
I've seen it, I try to fish a lot
Just about what you said water quality getting worse
Family members are big fishermen
That the water was changing more algae and chemicals and fish were dying.
Heard a lot about politics between the Arkansas governor and the Oklahoma governor to clear the pollution because of the poultry farms
I heard about the chicken litter the pollution from the chicken something
A lot of pollution
Pollution and human development
I heard exactly what you told me . I have a son-in-law who is a diver and a fireman and he used to have a cabin and floated the Illinois river more than once he was also on the legislature for sixteen years this situation came up every year.
A lot of pollution
The rivers and lakes are not like they used to be. So much pollution, such as fertilizers, and chicken waste are flowing into the waters, that the balance of nature is being disturbed.
I heard that the lake was murky. P no
That the people aren't taking care of the lake and river
That they have become polluted
That during the years the rubbish has been coming in from other states, and dumping chicken feces and stuff like that into the water.
Fayetteville and chicken farms are dumping chicken droppings and Fayetteville is doing sewage they need to

Table D.96. What respondents had heard about the changes in the river and lake.

slack up

Over the past few years Arkansas and chicken farmers

That they're dirty, not clean and clear like they used to be

Had read news articles and has friends who canoe and fish

That due to man not being good stewards that our river and lakes are polluted

Algae blooms and lowers fish counts. Increase [in] people cause pollution in the lakes.

The rivers are just dirty. I won't go fishing any more.

Basically what several months ago they were talking about how algae was growing in the lake because pollution coming in from Arkansas.

I have heard just what you said algae is growing faster it is not as pretty as it used to be.

That they were becoming more polluted all the time

In the newspapers, but creeks in the se used to flow, used to overflow, but they dammed in up, and no water goes thru it .

Heard that Arkansas was letting the chicken litter run down in the river and that it was contaminating Oklahoma water.

Friends used to take their diving class there to practice diving because the water was clear, but now that would be hard to do because they are not able to see down more than six feet.

The color has changed from friends who have gone

The cause os it is the chicken manure that is being dumped into the river and creeks from Arkansas.

I read about it in the paper, that there are less fish

Issues surrounding the quality of the water

What I have heard on TV how the water is polluted

Ongoing dispute with Arkansas and court action pending

Heard about the pig farms in Oklahoma and Arkansas but I don't know if anything was done heard of a senator wanting not to protect the area wanting to put in a waste area

Heard about the conditions through the local people

That there is more algae in the rivers and lakes than there used to be

That some plant in Arkansas was polluting the river

I've seen it

Increased pollution, increased usage - a lot more people go to the lakes. More industrial pollution is prevalent.

The poultry waste and how it effected the algae in the water.

I am well acquainted with the algae and I know it's not as attractive for recreation as it used to be. My husband and I are great fishers and we noticed that the fish population has decreased.

I had heard that pollution was from chickens.

Thank the chicken farmers well I mean some of it is also on dawn dish soap. The weather has also changed the river flow. The run off has changed big time. The growth of the communities around there. A lot of people use a lot more on there lands than 50 years ago

Well my background is in zoology and I hear of the depletion of the algae because of the depleted algae growth the changes of the clarity in the river or lake I also heard of the decaration that's algae that pollutes have had on the demecn populations

I've read about it in newspapers.

Pollution was effecting the waters.

Table D.96. What respondents had heard about the changes in the river and lake.

The water was nasty and not good to fish in.
That it was polluted from Arkansas
Just from watching TV, that the in Oklahoma needs to be cleaned up.
About the pollution
It is being polluted with chicken litter.
That the lakes do not have the quality that they used to because of the algae
Just a little bit, but not any details
You had about the algae and the pollution of water
My son fishes and he as mentioned that there are less fish and the water isn't as clear as it used to be
It isn't as clear as it used to be.
I know because we float each year and we have seen it
Due to the run off of chickens in the river it has influenced the change.
It has been in the news that the river is polluted by farmers.
That it was becoming polluted
The way it looks is lots worse and getting worse daily
We have the same problems in lake Eufaula
I've seen the murky water
Just what your talking about
There are problems not real up on it to be honest may be confusing this with other things with the chicken farms and things
People say they remember seeing down ten feet people say it's not like it was not as clear as it used to be
I think it's a shame, because the river has changed so much.
Just about the algae growing in the lake
Newspapers and television
That it wasn't as scenic as it used to be
I heard about the chicken pollution.
The water dirty and you use to could see fish but now you cannot.
Just how it change and it is dirty.
I heard they are having problems with pollutions in the lake and they found like purple eggs and it was in the news when they caught the fish the eggs are purple.
It murkier and nasty.
I have heard newscasts over the 20 have talked about the poultry farms have waste dumped it into the river.
Our attorney general is looking into to the dumping of poultry waste. I feel there are shady deals going.
Arkansas is not if not confessing up it.
About the pollution from the chicken poop they use it to fertilize the land for the crops. Running into the river it is affecting the natural cycle has been broken.
The pollution and the smell of oil sludge. The water looks nasty.
Only in the Illinois river well about the chicken litter
Pollution from area chicken farms
The river became polluted because of people throwing trash and stuff in it
I heard about it in the news.

Table D.96. What respondents had heard about the changes in the river and lake.

I remember they did a deal on the news one time. There were more mussels or something in the lake attaching to boat. They were asking people to rinse the boats off before taking them into the water. There are stories about water samples from the lake

That they heard the chicken people were dumping. The water running off the property was causing problems but I can hardly believe that would do that unless there dumping raw sewage in it. X no not that I know of

The lakes were getting more murky.

That lakes and rivers with clear water are hard to find.

That water is not as clear as before.

It's not as clear as it used to be.

The runoff from the farms in Arkansas is what's causing the problems. P no

My uncle and my mom love to fish and they said that the fishing is not as good as it used to be before of the algae

I read about it in the paper.

I've heard a lot of the controversy of the fertilizers coming in

How much dirtier it is and how murky it is

Their polluted, especially the Illinois river

I heard there was a lot more pollutants in the water than there was. Heard it on the news.

On the news that they were talking about less fish

What I see....which is it is a lot more dirtier

Heard about waste in the water and very concerned about the water here in grand lake

That it was getting dirtier and it was polluted

Our lakes are all getting polluted with something chicken plants seem to be the big things they are blaming it on but there are so many people that use the lakes they also contribute

I heard that it's a lot nasty. When people go out and fish it's a lot less clean than what it use to be.

The poultry farmers are doing to the lake with the litter spreading on the farm land.

It's not what it used to be. It's nasty, it used to be clear. I can only tell my kids what they'll never see and it's disgusting.

I didn't know it was basically algae. But pollution and the number of fish has decreased quite a bit.

That the pollution from the chicken farms are causing it.

About some of the large bass kills over the last five years.

I listened to a lot of news x well not only algae but there something new growing in the edges of sky took lake and other places not just sky took x well they blame it on the poultry farmers and people who visit are trashy and they live there mess there

Reading the papers and by observation: the water is not as clean, and I've read all kinds of things about the suit with the chicken farmers

How everything is changing and that the river is getting to be in bad shape

Everybody I know talks about it. The fish are full of worms. We won't even eat them (out of the river) catfish to (full of worms).

A lot of pollution is going on. A lot of chicken farmers are getting up in arms because people blame them. We need to clean it up.

About all the algae growth and the changes in the species and also about what is causing it.

I've heard people talking about it; yeah, I can say that. Just that they was getting worse every year. Worse and

Table D.96. What respondents had heard about the changes in the river and lake.

worse. Dirtier.

Well, the algae I have heard about, the rest I haven't.

Pretty much exactly the same thing you just said. Well, I guess that's about it.

Everyone in the state knows the river and lake are dirty.

A lot of people dump things in the river, such as trash.

From friends. They told me don't go back because it stinks so bad and it will burn your eyes so I haven't been back.

How murky the water is. P just about the same.

That there was a lot of pollution from chicken manure over there that was used as fertilizer. P a friend had informed me about it-how people were using it for fertilizer.

They had gotten dirty. P they were real dirty my kids told me.

That the bad water was caused by chicken farm pollution

People have talked about it being not as clear as it used to be.

In the paper and news I've heard about the poultry farms. Scuba divers and tourists don't find it as attractive as they once did

How dirty it was and it was very bad. I have seen it all and it bad.

I have seen the fact that it is not as clear as it once was.

The water is getting dirty with algae

The water was getting dirty and making them sick

The water had killed the bass .

Just what you said it's getting dirtier

They always fight the chicken farmers to stop the poultry growers to stop putting their litter on the ground.

Uh, well, what we're talking about, that the water is not as clean as it used to be.

Have heard and seen about the algae, I thought it was from fertilizer, it is more stinky at top end right there by the dam down a big hill left of the bridge sparrow hawk camp we quit going there

The fish were plentiful at one time and now there are less.

The algae growth and fewer fish.

Phosphate is run off. There have also been lawsuits.

Some of it was the up keep of it and to make it a more happier place for it

The chicken farmers putting stuff on the ground

That Tenkiller is the clearest in the state but it's getting polluted

Rea had an article about the Illinois river

I've seen a lot of news stories about the farming in the area that's causing high levels of contamination. But I would really think that, the Illinois, people who use the river contribute a lot to the contamination.

I just heard of, heard people talk of pollution and as far as clarity. That's about it, just like older people. Oh, I've heard of mercury in the water, that's the main thing.

It's getting polluted from the chicken farmers in northwest Arkansas.

It is really getting polluted. People stuff into river

I heard it was getting more algae

Just that the attorney general was looking into the chicken farms being accountable for what was going into the water.

Table D.96. What respondents had heard about the changes in the river and lake.

That it didn't look clear any more
We saw these changes in other rivers and lakes.
Heard that the sewage was in the Illinois river. It is not safe to swim in the river.
Incidental information relating to the attorney generals office
Just that you were unable to see through the lake. That it is not as clear today as it used to be. I noticed it recently even in only about 3 feet of water. Did not realize there was that much algae. There weren't hardly any fish
That they have been working on ways to reduce the pollution in the Illinois river. I believe I heard the main thing is reducing what is happening from the chicken farms
The struggle with the fish population, we are fisherman,
It is polluted
That at lake murrey, the lake has also become murky and [you] can't see like you used to
I heard that the lakes were infested
It was dirty
It was becoming polluted
The chicken farming problems
About the algae and fish
It was getting more polluted.
They are destroying the quality of the water and fish.
Heard about there is lots of algae.
It's not as clean as it was. I think everyone has heard that it's not as clean as it was.
Yes, I have friends who dive at Tenkiller and they complain that they have less visibility in the water than before.
That something got spilled into the creek and they were trying to clean it up.
I saw in the news this morning about pollution in the Illinois rivers from chickens just be the continuations the judge said there was not enough proof
That our lakes are becoming polluted my children did not want swim in the lake Tenkiller for one x they wore special suits .
I have read that in a science book about algae, not exactly this summer but I have read about algae

Verbatim responses explaining what changes respondents had personally seen in the river and lake

Respondents were asked question Q18a, "What changes have you seen?" if they answered yes to question Q18, "Have you personally seen any of these changes in the river or lake, or have you not seen any of these changes?"

A listing of all responses to this question are provided in Table D.97 below.

Table D.97. What changes respondents had personally seen in the river and lake.

In the fish population
See it but didn't register at the time
The pollution
Algae, cattail lots of moss and lost of fish.
I saw algae and trash.
I've heard people had lost beef cattle and there was a class action suit brought against Arkansas
That it's getting worse
I've seen the algae and the dirt.
Could not scuba dive couldn't see 6 inches
I saw the murky water and the algae and the lack of clarity
Been there
I've seen it with the algae
The algae the murky water the trash in the water and around it
Water was murky you could see the algae growing like weeds.
I have seen the algae and noticed more there is a lot and it is greener I can remember going as a kid and seeing the fish on the bottom when you were floating
Trashy and dirty and the algae has taken over. When the river is low it is at it's worst.
The water is no longer clear, beer cans and other debris are littering the waters. Algae is increasing all over the waters.
I think there is a lot more trash and dirtier than it used to be
Growth of algae and murkiness of the water
The murky water
Been there seen it
They've gotten dirty
The water is dirtier.
I noticed there was algae in the lake last time but not that excessive
I have seen the lake murky before it turns over. We are usually by the dam or one of the coves.
Seen some of the changes
They are clouded up and the water is nasty
The changes when people change the lake
Lots of moss
Used to scuba dive now can't
I do recall the lake was clearer when I was younger.
The decrease in fish and recreation areas are worse.
Visibility of the water. The other of the water. All the changes in the fish.
Ahh the algae and the lack of clarity of the waters x no that's all
The color has changed and it's not as clear as it used to be.
The water was not clear
The water clarity changing over the years
Water not as clear and algae growing

Table D.97. What changes respondents had personally seen in the river and lake.

How green the water is now
The dirty water, it was crystal clear and I use to go swimming in it.
I've seen the water clarity is worse and in some places the fishing isn't as good as it used to be.
Just murky and it's almost green
The river has become slowly murky over the years
Have seen the algae on the bank
Water is getting dirtier and dirtier every year
Had but didn't pay any attention
Algae does not clear up 'til July when the sun gets hot.
The water was very murky
The water is no longer clear and toward the end of summer it smells
The water was very murky, it seems bad.
No clearness of the water like it used to be.
Murky water.
Nastier and not clean.
I notice the water was not as clear.
I have seen water change it is murky. It is not clear fish don't taste like it was when it was clear. Fish had a fresh taste. It tastes icky bland muddy taste.
The water is not like it used to be. You used to go fishing; not anymore.
Water quality is not as good, not clear
More algae the murky water less fish to catch and the climate
Murky water trash algae especially when we float down the river
There is more algae and more murky.
The water is murkier and algae causing problems.
Darker murkier water has been noticed.
The water almost looks green it definitely is not a drinking water
More algae in the river; it's not as clean
It's dirtier
The darker color of the lake , it's dirtier
Just not be able to seeing clearly in the water and the green slime in the water
Goes to a church camp in the fall and have seen how murky the water is
Noticed areas of the lake that it is a lot more dirtier. I won't swim in it because of the black algae
That it's getting murkier just like the picture. We also have this problem in elk river
Dirty not clean
Murky water and the algae causes the rock to be slick and the odor is has a stink about it.
The murky water
From clear to nasty: disgusting. I have seen it.
Cloudier
Don't remember what it used to look at but I did notice it was murky and I won't swim in a river or lake.
The murky algae stuff and noticed there is less fish. Don't go fish where there isn't much chance of catching.

Table D.97. What changes respondents had personally seen in the river and lake.

Tenkiller used to be one of my favorite places. Now fish in Skiatook lake.

The murkiness

That it is a lot murkier.

When it gets more stagnant from lack of rain it gets a bacteria and signs are posted not to swim. It made me wonder what was going on. We don't like to get in it hardly at all now.

Water doesn't look as clean

I have seen some of the conditions you discussed

The way the water looks and the river is changing (out of its banks) it's remapping itself. Every year I see it change especially after a big flood

Mentioned in last comment. Everything has decreased because of all the poisons in the water. I used to live off the land; you can't do it any more. It's kind of strange.

I told the kids it was clear and beautiful and when we got there it was nothing like it had been when I had been before

Algae growth, the lake not being as clear as it was

The fish are not as plentiful as they usually are. The water is more nasty.

They've become dirtier, more polluted as far as like cans, wrappers, sacks. It's just been a whole lot dirtier. It's not clear any more.

The , it used to be where you could see down and it's murky now, you can't see. Just mainly the murky water and algae.

Well, anybody who goes to the lake has seen the algae. Yes, we have seen the algae.

The water is warmer and [has] more algae, its warmer and more stagnant smell, more stagnant, that's it. The fish have worms in them, in the meat. I don't eat fish anymore. Last year, the water never got, there were leeches in the water all year long

The river is not as pretty as when I was young, because I used to swim in it.

Around the edges of the river and the rocks there is algae. P we used to be able to sit on the rocks now you just slide down. You can't go down there like you use to.

How murky the water is and that there is moss on everything

Notice in the summer it looks clear when crossing the river then some days it looks dirty. But I did not know that the algae was caused the water to look this way.

Over the years, I have seen more and more algae in the water. In the Illinois river I can see algae almost from shore to shore.

From being clear to being very dirty.

When I have taken my grandchildren to the river I was surprised at how much it changed from clear to murky.

The difference in the way the water looks over the years.

Seen the dirty water

The water is getting dirty and murky

Increase of algae fish are growing smaller

It's getting dirtier

Murky water

I have seen the growth of algae.

There's a lot more trash from people partying; upkeep hasn't been what it should be. It used to be crystal clear when I first started going. Later there was less life visible in the water.

Table D.97. What changes respondents had personally seen in the river and lake.

I've seen where rocks have been moved because of erosion
Sees some clear water and some dirty water
Higher than usual litter and over my lifetime, traveling to Tenkiller, it's dirtier. Ten years ago it was cleaner. It was dirtier this year than last. Not as much litter floating as in the Illinois river.
I probably seen 'em and not paid any attention to them. Lot more boats in the water than there were, too.
I notice you cannot see as well it is not as clear.
I have seen the cloudiness
The algae when I went swimming with my dad.
In 1992 it seemed like there was a lot more pollution, the water level was low; the lake appeared to be deteriorating.
Just that the water is not clear
I have seen the algae in the lake and river
You have seen the change of color in the river
We have jelly fish more now
It is not as clear as it was in 1980.
The clarity has diminished, dirty and smelly.
I have seen litter.
Less clear water and more trash.
Obviously in some years the water has been clear and pretty and other times there has been more area. It might have been the same trip just a different area.
The lake is just not as clear as it used to be.

Verbatim responses explaining what respondents asked interviewers to repeat about the river and lake

Q19a. No one who received the scope questionnaire provided a verbatim response to this question.

Verbatim responses explaining what respondents had heard about why there is now more phosphorus in the river and lake

Respondents were asked question Q20a, "What had you heard?" if they answered yes to question Q20, "Before today, had you heard anything about why there is now more phosphorus in the river and lake than in around 1960?" A listing of all responses to this question are provided in Table D.98 below.

Table D.98. What respondents had heard about why there is more phosphorus in the river and lake.

Well it was on TV about lake and creeks in Oklahoma and Arkansas on river chickens and turkeys. I think Tyson was involved

From news about chickens

The chicken farms and the hog farms now, through TV news and newspaper

Runoff from manure I have seen it in the area I have my boat, heard a lot of complaint in the last years

I do a lot of fishing and many of the lakes and rivers are filled with phosphorous and it is ruining everything.

I heard the fertilizer cause a lot of contamination in the water.

They it was coming from the run off from the farms

Heard on TV and in the news.

That chicken farms waste is flowing into it

That it was a lot from the chicken and plants and that it runs off into the river and streams

About what you just said from TV. And newspaper

That the chicken farms were causing pollution in the water

Have heard the poultry pollution but I did not know what lakes

Due to the large poultry producers that the state let in

There is more dirty stuff in the water and you cannot see all the way down.

That because of the poultry and fertilizer the water was bad and fish were dying

I have heard about the poultry industry. Making Tyson industry the rich industry that it is now

They were putting poultry litter droppings in the river and lakes.

It was caused by chicken litter

Chicken litter is polluting our rivers

Caused by the excess fertilizer and poultry droppings

These industries are not being held responsible for the damage they are doing to our land.

From fertilizer. P no

Read in paper; chicken waste; I think the state attorney general is suing them. P they're doing something about it by legal methods.

Because of the chicken and poultry farms

About the poultry litter, not so much about the phosphorus or the effects of it.

It has been ongoing for more than five years and it seems to be a continual thing, this dumping of the waste, not to mention any names, of the ones responsible for this waste being dumped.

What you described is not new to us, we have the same problem in Russia. But not the amount.

That it was the chicken farms

In laundry detergent and chicken manure have phosphates, not phosphorus, you can see the foam

That there's more chicken and turkey houses there

This summer I heard on the news about the excess growth of algae and the effect of the poultry litter.

That the poultry industry is what is contaminating the river and lake

She read an article in the Oklahoma news

In school they have heard of the poultry litter making changes

That contract poultry farmers have been careless with their waste and it was leaking in the water shed.

I seen something on TV about the chickens in Arkansas affecting our water

Table D.98. What respondents had heard about why there is more phosphorus in the river and lake.

Yes, we have heard about it, it used to be in the news pretty regular. The governors try to get Arkansas to clean it up, they have tried for a long time. The only real clear river that is running that flows natural is the glover river.

Not in this specific situation, not this specific area

Only about the poultry litter coming from Arkansas into the Illinois river which extends to Oklahoma.

Fertilizers, news stories on TV, had a problem here, big rain storm washed fertilizers from nearby wheat farms into creeks on this property, can show you moss right outside.

Our water is polluted from sewage treatment plants and I think it's more then they say

I heard on the radio about the chicken and turkey farms

That it comes from chickens and turkeys

They are saying the chicken and turkey business from Arkansas is polluting the river

Issues surrounding the water treatments and the pollution in Oklahoma and Arkansas

Heard on news that the chicken farms are causing drainage into the river.

My brother used to talk about it. He said it was the chickens and turkeys, he live around there.

Concern with the poultry litter just like they was concern when I lived in Colorado with the nitrogen in the rivers

Heard that is was due to the chicken and turkey businesses

Chicken and turkey manure runoff, fertilizer pesticides and all that stuff are running the water

Exactly what you said about the poultry facilities. The waste from those sites have polluted the river.

The poultry waste had spread the runoff cause pollution and the grass to grow.

The poultry industry is partially responsible for the phosphorus going into the ground.

In Tulsa we have the same problems with lake Spanwaia and I have that the poultry litter and the phosphorus.

Come from the fields and farms

Poultry was causing pollution.

Supply and demand more people want more chicken which cause more waste.

That the increase of the poultry industry in Oklahoma and Arkansas have indirectly polluted the water shed x um that there are steps on the part of Oklahoma to get this pollution stopped

Phosphorus is killing off wildlife in the lake.

Poultry farmers were polluting waters in the area --Tyson, etc.

I heard something about that chicken droppings and stuff

That the poultry litter was creating pollution in the river and that there was issue between the state of Arkansas and Oklahoma about the pollution.

That they contribute the algae growing so much in the water to the trickle down of waste products.

The chicken litter is being spread all over and it washes into the water around here.

That it is increasing considerable

In general of all of our parts per million of impurities have increased in the water sources

Lots of chicken litter and phosphorus making the water dirty

There is a big law suit against Tyson and Arkansas

What's all in the paper what the attorney general has said

Most of it as come from TV and I think probably the uh the owners of chickens and turkeys if they would be

Table D.98. What respondents had heard about why there is more phosphorus in the river and lake.

consistent of cleaning the property around them it would improve
I knew about all the chicken and turkey farms very much aware of this; did I know the direct cause no but I knew that it was from the chicken farms
Basically what you just described that Arkansas is suing Oklahoma
Had heard chicken droppings were dropped into the river.
Have been aware for sometime that it has run into the lakes and creeks.
Have heard that it is in the courts now to stop it..
About the chicken poultry problem with causing problems in the water
I heard the chicken farms were causing the problems in that area
Read it in the paper. Turkey and chicken farms dumping the manure on fields and it washing down into the lakes like this
Had heard about the chickens
Just what your saying
Heard report on news; chickens and stuff pollution
Just what I've read and heard on TV; the more I think about it I remember hearing its becoming a situation for many businesses
I have a little bit of the chicken controversy
I have heard about it but didn't know why
I know his family had talked about the progress over the years and blamed the chickens.
They have been talking about it for years...the media , newspapers and television.
TV has listed the reasons for the confrontages
I'm well aware that animals have a past of doing this sort of thing
I heard that the chicken farmers were to blame for it
A lot of turkeys and chickens from Arkansas. Had a lot droppings in the water.
That they are fighting over the chickens and hear about from Arkansas a lot. They trying to stop a lot of it from happening. Laws and people are protesting. The farmers do not want us to stop because it is their livelihood.
Heard a little a bit about how bad it was from this year to last year.
Water continuing to get worse from the poultry litter. Tourism industry has promoted heavy lake resulting in trashing up the lakes.
I heard about the phosphorus but I did not know about the sewage treatment plants.
Chicken plants had caused it.
I heard about erosion and pollution and how it affected the river also that they was a lawsuit against Arkansas because of the chicken farms pollution
Because of the chicken they had specials on the news that I watched plenty of times
I heard it was from poultry litter. They were polluting the rivers and lakes with the runoff
That was on the news too. Talking about runoff into the river.
That the chicken litter was the primary cause.
I've read about it in the newspapers.
I heard about the chicken thing

Table D.98. What respondents had heard about why there is more phosphorus in the river and lake.

I heard that there was more phosphorus than before.

Arkansas was dumping their poultry waste into the river that was coming into Oklahoma. P no.

Just on the news, the attorney general filing a lawsuit with Arkansas and we just lost.

It is all over the news in fact they trying to pass a bill so companies like Tyson have to clean up their act so there is no dumping in the river

I heard they were fighting it that they don't want all this stuff in the river.

The advertisements on TV about the chicken plants getting the phosphorus down into lakes and creeks

I have heard it on the news and my daughter lives in Arkansas we heard a lot about the pollution from the chickens in Springdale, Arkansas when we visited there

They are blaming the chicken and turkey farmers for the problem, I don't feel it's them, it's other people, campers and others with no bathroom facilities.

I heard about the turkey litter from Arkansas. But there is a lot of other farms and chemicals from those farms around the river.

From the poultry pollution there. They have done some things but need to do more

Heard they won't swim in these waters because of all the chicken crap. People have told her they have found chicken fat in the water

The chicken farms

From watching the news about the poultry litter

The pollution from the chicken houses

That more pollution

Heard about the chicken litter

Drew Edmondson is suing the poultry farmers for polluting the river.

That more and more chicken farmers are causes this problem but they have to do something with the waste. I see it on TV and in the newspaper all the time.

They had the same problem up in Maryland. It effected the fish.

Pollution mostly from Arkansas: from waste and poultry

Heard about the chickens

Read it in the paper that the turkey and chicken farms are causing more contamination in the river and lake because of water runoff.

I heard in different area not just here. I actually worked in a farm and there nasty

News article on channel 11 saying the same thing I just said. Same kind of research

The chicken poultry litter is causing the pollution.

I heard the same ole story about the chicken farms between Arkansas and Oklahoma. And the spreading of poultry litter and that Oklahoma had guide lines and water from Arkansas was polluting our water.

Just on the news they were complaining about it

Heard about the chicken litter and all that. Did not know there was more phosphorus

They just keep more waste x no

I hauled fertilizer and insecticides in California had chemistry testing the ground there at the chemical plant and over the years you learn a lot. Never get to old to learn. Can always learn something new.

About the turkey and chicken litter being spread on farms and washing into the water.

That chicken plants were causing a lot of the problems in the water.

Table D.98. What respondents had heard about why there is more phosphorus in the river and lake.

I had heard phosphorus mentioned

Phosphorus is from the sulfur they use to cut the smell of the chicken droppings (yellow phosphorus). I worked at a dog kennel; we'd buy yellow phosphorus to dump in the water.

We have the same problems in Florida but there is also mercury other metals; we can't eat the fish.

Mostly about the chicken litter and man made fertilizers.

That the Arkansas river and barren fork had more wash offs. The chicken plants up north are partly to cause for it, their overspills.

Just that poultry litter contributes to it with the runoff from the fields. Heard from new sources TV and newspapers. I was at northeastern (university in Tahlequah) 12 years ago and they were talking about it then, about the problem it was becoming

Yes, because it is in the news.

Yes, I heard what the chickens were doing to the water.

That there was too much chicken and turkey manure spread out in that area p over the TV channel 13

That the manure was polluting the water and I read it in the paper

I saw something related on the discovery channel

Pretty much the same thing that it is caused by the chicken raisers and all the droppings used as fertilizer

I heard it on the news and read in newspaper that had problems with the chicken farmers using their droppings on the land as fertilizer, which is causing the algae to grow in the lakes and rivers. I heard this is causing the problem with the water.

Yes that the chicken was causing it.

I heard on the news about the chicken and turkey farmers droppings on the land is causing problems in the lakes and rivers.

I heard about the chicken litter but I did not know what the reason was.

That the river had lots of phosphorus

The chicken farms have been polluting the waters

I heard river and lake

That it was coming from the poultry houses

Yes, I have heard about this for years. They're in a lawsuit now over the poultry farmers dumping.

Just exactly what you said.

Same thing, like on the news, about the poultry industry.

That it was an issue that was made publicly.

Our natural resources are being polluted by phosphorus which needs to be cleaned out of drinking water. I've seen a lot of reports on TV about it.

There is too much phosphorus.

The state is trying to close the chicken houses down

I read about this in the paper about the farms dumping near the rive and lake

There were more waters running into it that wasn't good

The chickens

Read in paper that attorney general is suing Arkansas for the pollution

The big fight between Oklahoma and Arkansas over the chicken farms. It was in the news.

Table D.98. What respondents had heard about why there is more phosphorus in the river and lake.

I have heard about the pollution produced by these growing operations/farmers.

They need more control on the dispensing of the poultry waste in that area

About the chickens

Well they shut down 1 chicken plant on account of the dead chickens and the litter that was getting into our water systems.

I heard something about in Arkansas they had to slow down or shut down their chicken houses because of stuff they were putting on the ground

I knew about it in this area. The chicken litter getting into the water.

I heard about it when they were trying to ban the spreading of the chicken and turkeys refuse

I heard it on the TV. And the problem has been going on since the 1960's.

Well, I knew that it had a lot to do with the fertilizer. That's about probably all I can think of.

Heard about the chicken runoff.

News reports that are very brief, quotes from state attorney general

I've heard concerns about what is happening and how hard it is to get something done about it

Articles in the paper about the chicken farms in AK and mo and the pollution to the water

Yes, I heard it in the news.

That it came from the poultry farm and that raw sewage went into the river from somewhere in Arkansas

That it will take decades for them to get back to where it was long ago

Chickens

I heard about the chicken problem

The chickens

That the litter is destroying the ground and water sources.

I read in the newspaper about there was more phosphorus.

People complaining about the chicken farms and turkey farms.

Everyone is aware of the litigation with the poultry houses, so forth and so on.

Yes, I am familiar with the turkey industry and processing plants.

Yes, I have heard on the news about how chicken droppings were used for fertilizer and have polluted the water up there.

Well I read about the litter of the turkeys and the chickens I think there are some lawsuits going out between Arkansas and Oklahoma going on about this litter x well and that it is very detrimental to the water.

Verbatim responses explaining what respondents had heard about algae reducing alum in water

Respondents were asked question Q22a, "What had you heard?" if they answered yes to question Q22, "Before today, had you heard that alum could reduce algae in water?" A listing of all responses to this question are provided in Table D.99 below.

Table D.99. What respondents had heard about how alum reduces algae in water.

Used to work at a refinery and had to know what chemicals would hurt
I used work in the pollution control field removing pollution from waste water plants
I worked in machine shop and we purified water with alum, it turned milky for awhile and in three or four hours it would be pretty clear water
I am a retired firefighter, we did a study on alum because our tanks had algae in it. We used alum to kill it.
Well, I mean, we had to learn all that, about all the chemicals. I mean, it changes the chemical composition of the water just like the phosphorus did.
We use it in waste water to control the algae
That it was used in water treatment plants and sewage plants
I think I've heard of people using it in swimming pools
Exactly what you were just telling me, the Colorado river where I lived with my grandparents were using this alum to correct some algae problems in their water.
Had heard other states had success, that's why it goes in pickles it clears the water
They were waiting to try that treatment for a long time.
We use to use it in our stock tanks to get rid of moss
About water treatment in water
I heard that the alum in sheetrock can be put in water
I am a chemist so I am supposed to know that. Also I managed a couple of lakes
Well I heard that alum can reduced the spreading of excess algae both in the stream and lake
It reduces algae
Home water purifications is what I heard of; talking about the lake it would be a big chore it seems like it would be a long drawn out affair to do that.
I grew up on farm and we used it in our ponds
That's what I have heard it reduces it
She worked in a water treatment plant so she knows about it.
It used to be in out houses
Respondent has tried to inform the state of Oklahoma a university professor informed us about alum a safe and natural mineral. It is safe and they have done studies no adverse affects in regards to the chicken poultry litter.
We put it in our pond and it worked overnight.
I had heard that before.
I work as a maintenance manager for a casino and we had that option to clean the water
Heard reading about how it helps swimming pools
Sure. Been around a water plant and that was what we're used to. Clear the water.
What you just told me. I heard on the news that alum could be used to clear up the lakes and river
I can't remember what exactly. I have an uncle associated with the scenic rivers
Just an article my husband told me about in reference to this
I've heard of better ways. Native Oklahoma algae eating fish would do it faster. A pacosamis (sp) is a native bottom. I'm seeing fewer of them due to chemicals in the water. They grow more slowly. I've seen big ones get sick and grow cysts
Just that it will help over a long period of time. P no
I heard that if you treated it with alum it would get rid of the biggest part of the algae. P no

Table D.99. What respondents had heard about how alum reduces algae in water.

That it would remove algae. We've actually sold alum in our store before. We've sold it for clearing pond algae.

That it is a means to reduce it.

Swimming pond nearby where alum was used to reduce algae.

That alum could reduce algae in water. I haven't heard of any adverse...

Used to work for leslie swimming pool services and we used an alum-based conditioner to reduce phosphorous, in turn reducing algae. The sun would burn out the chlorine helping to grow and then the conditioner would bind to the phosphorous.

Alum put into the water could have mild effect on fish

Watching it on TV they were cleaning up lakes up north

I knew that alum counteracted the phosphorus in the water.

That it is beneficial to the quality of the water. X no that's it

Verbatim responses explaining what respondents wanted interviewers to repeat

Respondents were asked question Q23a, "What would you like me to repeat?" if they answered yes to question Q23, "Would you like me to repeat anything that I just told you?" A listing of all responses to this question are provided in Table D.100 below.

Table D.100. Answers to question Q23a: What would you like me to repeat?

How do this alum work again?

Repeat how long with and without the treatment

Banning using poultry litter: would that include the whole state or just the area around the river?

Verbatim responses explaining why respondents voted for the program

If respondents voted "for" the program in question W1 ("Now please tell me whether you vote for or against the alum treatments, which would cost your household a one time additional tax of \$ (BIDAMT)."), they were asked, "What would spreading alum do that made you vote for it?" Table D.101 below lists all of the responses people gave to this question.

Table D.101. Why respondents voted "for" the program

If proper research, if it don't hurt use

So I believe that if people mess up the world they should help clean it up, even though everybody was not messing it up we still need to not set around and do our part in cleaning up the environment

Cleans it up, in quicker time and the excess needs to be gotten rid of \$45 is not a lot to ask

Lake needs to be cleaned up, people are drinking water below lake I think it needs to be cleaned up for the kids

Table D.101. Why respondents voted "for" the program

Clear the water out, now we don't pay income tax so it wouldn't cost us anything but my question would be what about hog farms are we going to stop them from dumping, they collect waste in tanks that leak, rubber lined holes and they leak, does the do
It's for the environment, for the future kids I want my kids to grow up in a healthy environment
It will clean the lake and river up.
Only for the households could afford it
They need to clean up the water. I think the government should waist time spending the money ask should we do it.
It would return the rivers and lake to what I remember when I was a child or young adult.
Help the water go back to the natural process of the river
This is an important issue to me and to others.
Clear it up quicker even if just 10 years quicker
I want the lakes to be cleaner. It seems the lakes get worse each year.
The way it's affecting the fish and my grandchildren use the lake.
Clean it up faster
To clean up the river and the lake
I would like to see it clears I wont see it but my great grandkids will see it
Like to see the water back to like it was when I was a kid, my grandpa drank out of the river or the creeks that went in , in Tahlequah we had springs and I carried many a bucket to get water that mom sent my sister and I
Need to be clean our kids and grandkids need clean water to fish in, when I was young I drank out of rivers and lakes but I would not now
Helps the water I'm for it
Only 10 dollars, if that will clean it up
All kinds of boats in and out, there is no telling where they take the stuff next
Because it made a good point that it is a one time tax and not every year, even though all don't have algae and if we don't clean it up if tourists go there they might think all lakes in Oklahoma have algae and leave
I think that if this is approved it sends a message that there is some serious investigation toward environmental problems. Lakes have been effected by human activity.
Clear water and get more fish
Taken the algae out so that the fish could grow. I'm an avid fisherman.
To clean the river. We're big on visiting the lake. Big fishers and hunters, we have boats and everything
The alum treatment will clean the lake, remove algae, and increase oxygen and help the fish to grow.
I would vote for the ban and the alum treatment to clean it up sooner: and let the companies be responsible for the fee and the clean-up if they are the ones whom did it.
It will clear it up sooner.
For my grandkids and great grandkids so they could enjoy the same things I did when I was growing up.
However I think that the amount of taxes should come from something else than income tax, for example sales tax.
Because I want the lakes cleared up for future generations sure.
It would clear up the lake
Clear up the pollution
Eventually, get rid of some of the algae. P that's about it.
It would clear the lake faster and it's safer for the people and the animals

Table D.101. Why respondents voted “for” the program

I would like to see the lake back to the way it was in 1960, and to help the fish and other animals, and it's only \$10.00.
If we could hasten the return of clean lakes for future generations
So the rivers and lakes do not have the access algae and so we will have more fishes
Because he favors nature
For the economy and for the future of our kids
The environment is more than 125 dollars. Something has to be done in over fertilizing.
Clean up the lake
Save the earth environment is important any way we can fix it we need to fix it
Well because it would clear up lake ten years sooner with the treatments
Because we need better drinking water
It's worth it
To purify the water and for the fish to grow more and for the oxygen to be healthier
Because it sounds good for the water.
Mainly to clean up the lake and bring it back to its original beauty.
Because we need to take care of our water and if we don't we'll run out of clean water.
The effectiveness of the alum, we will be able to benefit from it before the 50 years, it will be better sooner.
Clear the rivers and lake, and stay that way I hope for years. How long will it stay that way?
I want to see it in my lifetime and my children's lifetime and clean the other lakes
Want the lake to be nice for my children's future.
Alum will clean the lakes and make it nice for people to enjoy them.
It would be worth it, and my husband is a fisherman. Maybe if the state can show that alum treatment work on this lake maybe others will benefit later.
Feels that it's going to get back the lake to what it used to look like. Wildlife will be better off.
Would clean water a lot faster
Help clean up the water.
We have lots of nieces and nephews and I think it would improve it for them.
Get rid of the algae, clean up lakes
Get the lake back up to par faster
Restore the water
10 years is a lot of time we need to leave it better than we found it. It would be worth the tax money.
Get rid of the algae
Clear up the water
Clear it out a lot faster for our grandkids
Clear the algae and should not harm the environment.
Respondent wants them to return the lake back to what it was sooner. Respondent says that natural is always better and the 10 years is not guaranteed.
Increase better fishing and general pleasures of the lake
Safe way to clean the algae
I like the wildlife, it is very important and brings more people into our area
Help the species of fish and plants. I don't want any more fish to die this way. I think it is a good idea
Just to clean up the environment. Cleaning up the environment is good.
Any step toward a cleaner environment is a good step if we can do that it is a good step to take for our

Table D.101. Why respondents voted “for” the program

children. Biggest reason a step in the right direction we have to start somewhere maybe this will be an example to better the environment

Clean up the lake and restore the good water quality

Clean it up, people don't realize all this lakes feed of each other sooner or later all the lakes are going to be polluted. People don't realize how [much] money the lake brings into the state

It would help clarify water in the region x would counter the effect of the phosphorus and it's not an overbearing experience

It would get the lake healthy quicker.

I don't want the life in the river to be expunged because of little or no oxygen, it would clean up the lake

Clean the water faster, ten years might be important.

Clean up the water we are using that water one way or another.

It will make the algae go away so people can enjoy the waters.

I always look for lakes we can visit and seeing dirty is not fun

It would get all that slimy stuff out of the water.

Clean up the lake and return it to its former look and help clean up the environment

Help clean up the rivers and lakes lot the algae

It will make the water back to what it was like in 1960 so that's good

It's a good thing

It's a good plan

It's common sense. It's a good thing to do.

Because it would be better.

Because it was ten bucks

Cleaning up the water for grandkids and great grandkids

It would clear up the lake

It's just a good idea; it would be good for our resources god gave us.

I think we are going to get clearer water, bringing more people into campgrounds, bass tournaments, and people using our resources more bringing in more revenue.

It would clear up the water more pleasing to the eye; grandchildren like canoeing in the area

Get it cleaned up sooner

Because I think it's extremely important that we protect one of the important lakes we have its are responsibility to clean it up for us our children and our visitors; even though Arkansas is also to blame

Reduce decease from lake so people can't get sick

Clean the lake up sooner.

It would correct the algae situation

Clean it up faster

That it would return the lake back to it's 60 conditions

This is a decision that will effect future generations, and I want it there for them

10.00 is not much to see the lake to be cleaner.

Well the idea of it getting it back to what it used to be I've been in areas where things are kept clean if we don't take of it now it's just gonna get worse

Clear all the algae up

Because those rivers and lakes clean some way; fish not being able to breathe signals destruction of us

The fact that it would clear the lake quicker
